AMENDMENTS TO THE SPECIFICATION

Please amend paragraph [0017] as follows:

[0017] In an embodiment including the resistor network 224, as shown in FIG. 3, a plurality of resistors 226 are operably connected to a plurality of switches 228. The circuitry depicted in FIGs. 2 and 3 are operably connected at node A. Each switch 228 is operably connected to an output 230 of a controller 232, shown in FIG. 4. The controller 232 includes a plurality of inputs 234. A plurality of biasing elements 236 are operably connected between the inputs 234 and ground. The biasing element 236 may be a "Zener zap" diode. The biasing element 236, in combination with an input signal received at the controller 232, cooperate to determine an output signal to the resistor network 224, which essentially dictates, in an exemplary embodiment, the amount of resistance to be removed from connection with the filter network 218, thus adjusting the filter's RC time constant and phase characteristics. ~~The~~ A current source 238 coupled to the biasing element 236 on the first input 234 provides a bias potential and is normally repeated for each input 234, but is not depicted to simplify the drawing.

Please amend paragraph [0021] as follows:

[0021] Referring to FIGs. 5 and 6, a transducer assembly 312 includes a modifiable buffer circuit 100 enclosed within a housing 316. Typically, the modifiable buffer circuit 100 and a microphone (not depicted) are acoustically sealed within the housing 316 formed by sealing cup-shaped top 315 and bottom 314 portions. An access port 320 in the housing 316 is internally sealed by the transducer 312. One of the housing portions 314, 315 may have an accommodation for receiving the substrate carrying the modifiable buffer circuit 100, such as standoffs or posts. Electrical signal connections 317 to the modifiable buffer circuit 100 extend outside the sealed transducer assembly 312, as shown in FIG. 5. The plurality of inputs 234 are accessible via the electrical signal connections 317 via a removable portion 318 of the modifiable buffer circuit 100 extending from the transducer assembly 312. A notch or slot in one or both of the housing portions 314, 315 may be formed to allow the removable portion 318 to extend through the housing 316 with a close enough fit to enable acoustically sealing around the modifiable buffer circuit 100. The seal may be further enhanced with a sealer such as epoxy. The operational characteristics, e.g. frequency response, of the transducer assembly 312 can be analyzed to determine a response

characteristic of the buffer circuit 100. This response characteristic can be compared to a desired response characteristic and the comparison used to determine an adjustment for reducing the difference between the actual and desired responses. Given the impact of both circuit component tolerances and assembly differences, the adjustments to the resistor network 224 may have to be empirically determined, but are easily comprehended by one of ordinary skill.